

## GEOTECHNICAL ENGINEERING & MATERIAL TESTING

### NEW DXLG DATA CENTER — HAMMOND

Client: DX Holdco

Advanced Engineering Services Inc., (AES) is provided all aspects of geotechnical engineering and construction materials testing and inspection services for the new data center under construction in Hammond, IN. The Phase I of the project included construction of about 102,000 sft data center building, HVAC plant, green

house, a substation, associated drives and parking lots. The project site is located in a former power plant that included buried thick reinforced concrete throughout the site along with shallow groundwater level, which made the project very challenging from geotechnical engineering point. AES partnered with the developer, contractor and owner to come up with a solution that is cost-effective and feasible to move forward with the project. In addition to developing geotechnical engineering recommendations, AES is provided materials testing and inspection services for soil, aggregate, concrete, floor flatness and levelness (FF/FL), structural steel, pavement testing, etc.

